

Amendments to the Drawings

Replacement sheets for Figs. 1-3 are enclosed which formalize the drawings which were submitted with the application. No other changes have been made.

REMARKS

Replacement sheets are submitted herewith for Figs. 1-3. These sheets formalize the drawings currently on file. No other changes have been made. Approval by the Examiner is respectfully requested.

Claims 12 and 13 were rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter.

Claims 12 and 13 have been cancelled.

Claims 1-13 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Edge (US 2002/0171855) in view of Enomoto (US 2003/00313475), further in view of Fredlund et al. (US 2002/0063900).

By this amendment claims 1 and 5 have been amended to specify that the filter that has a frequency response that is a function of the magnification value. The Examiner's attention is called to page 5, line 29-page 6, line 4 wherein it is stated that "An advantage of the present invention is that the magnification value is used in producing a filter to sharpen a digital image, thereafter the sharpened digital image is resized in accordance with the magnification value to provide a high quality output print. The present invention can make use of metadata in addition to the magnification value to further improve the quality of the output print."

Claims 1 and 5 are the only independent claims in the application. Each specifies producing a filter that has a frequency response which is a function of the magnification value. The resizing is also done in accordance with the magnification value.

Edge teaches a method of sharpening a digital image but the Examiner states that Edge does not use a filter. Edge does not discuss a filter or its frequency response. However, Edge does discuss controlling a sharpening as a function of magnification. Edge does not teach producing a filter which has a frequency response that is a function of the magnification value.

Enomoto has a predetermined lowpass filter as shown in Fig. 5. As understood, Enomoto adjusts or scales the gain components of a preexisting filter in accordance with magnification values. Enomoto does not produce a filter which has frequency response based on magnification values. Clearly the result of processing images using the present invention will be different depending on the input digital image which has a significant advantage over Enomoto.

Fredlund in paragraph 0038 states it is possible to resize the image either before or after the image is sharpened. Fredlund in Fig. 6 shows a work process where the image is resized prior to sharpening. There is nothing in Fredlund that discloses producing a filter having selected frequency components based upon magnification values.

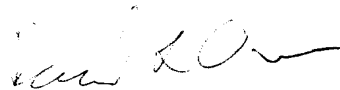
Applicants fail to find any motivation or suggestion in Edge, Enomoto or Fredlund taken singly or in combination which disclose or suggest the feature of producing a filter which has a frequency response based on magnification values. This feature is believed to be unobvious and therefore patentable.

With respect to claim 5 metadata associated with the digital image is used to produce a gain value. The metadata used by Enomoto is not used to adjust the gain of a filter that has a frequency response based upon magnification values. The remaining dependent claims all depend upon either claim 1 or claim 5 and should be allowed along with their corresponding independent claim.

It is believed that these changes now make the claims clear and definite and, if there were any problems with these changes, Applicants' attorney would appreciate a telephone call.

In view of the foregoing, it is believed that none of the references, taken singly or in combination, disclose the claimed invention. Accordingly, this application is believed to be in condition for allowance, the notice of which is respectfully requested.

Respectfully submitted,



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If the Examiner is unable to reach the Applicant(s) Attorney at the telephone number provided, the Examiner is requested to communicate with Eastman Kodak Company Patent Operations at (585) 477-4656.